Intelligent GSM Auto-Dial Wireless Alarm System MODEL :007M2E

2 YEAR WARRANTY

007M2K

User's Manual

Profile

For a better understanding of this product, please read this user manual thoroughly before using it.

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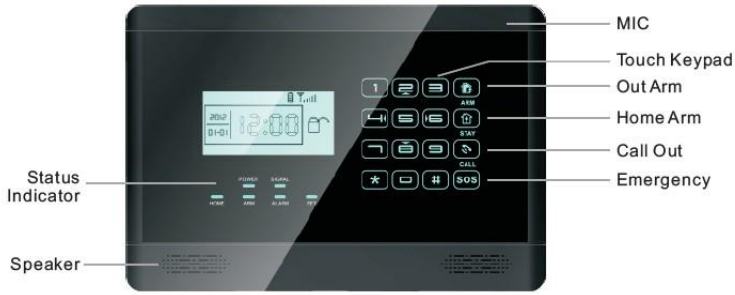
[Function Instruction]

- 4 wired and 99 wireless defense zones;
- LCD screen with time clock display;
- Voice prompt for all operations;
- 3 groups of timely arm and disarm;
- Can store 6 phone numbers: when alarming, system will make alarm call to these numbers automatically;
- Can store 3 SMS numbers: when alarming, system will send alarming SMS automatically;
- One programmable 12V relay output;
- Tamper alarm function: there is a button at the back side of the panel; it will make alarm once the button is loosen;
- 10-second automatic message recording;
- Built-in artificial intelligent digital voice announcer;
- Built-in artificial intelligent English message;
- Can send SMS to arm/disarm/check alarm record;
- ✧ Can set arm and alarm delay time;
- ✧ Built-in wireless transmitter for convenient connection to wireless siren(customized);
- Users can make calls by using keypad on main unit, just like a telephone;
- One-key-control function: Out Arm, Home Arm, Remote Arm;
- SOS, fire, gas, door, hall, window, balcony, and boundary places alarm;
- Real-time, delay, 24 hours, bypass defense zones programming function;
- Wireless coding: easy to add additional wireless accessories;
- Remote control Arm, Disarm, Monitor, and Intercom by phone;
- SMS alarm for power failure or recovery;
- Built-in NI-HM rechargeable battery.

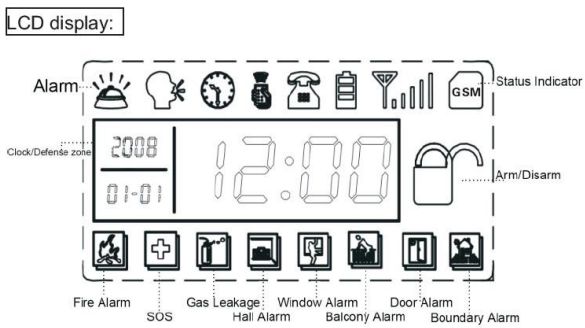
[Alarm Host Diagram]

In order to make the main unit get the wireless signal well for all wireless accessories, please put the alarm host at the central place of your defense area. Make sure it's away from large metal objects and household appliances which may cause high frequency interference, as well as barriers such as reinforced concrete wall or fire door, etc.

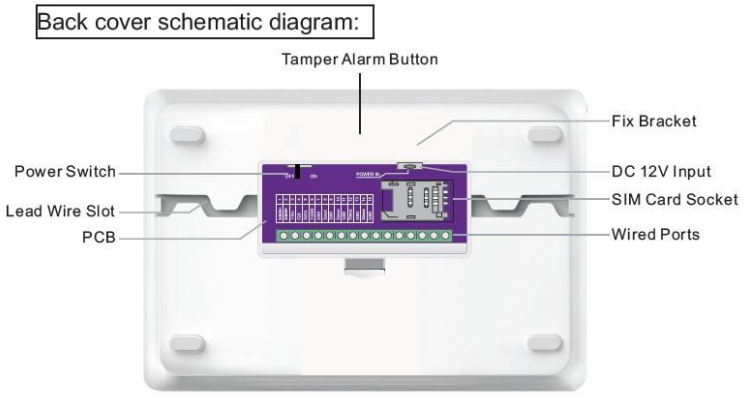
Main panel front schematic diagram:



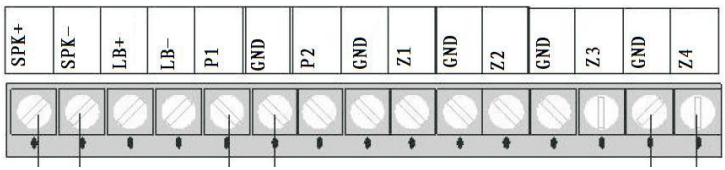
LCD display:



Back cover schematic diagram:



Wired ports:



1	SPK+	Positive of siren (red cable)
2	SPK-	Negative of siren (black cable)
3	LB+	Positive of two-way speaker (red cable)
4	LB-	Negative of two-way speaker (black cable)
5	P1	12V output by remote control. (please refer to Operation Instruction part)

6	GND	Ground
7	P2	Linkage output port 2. There will be 12V output once the system is armed, and be off once it's disarmed.
8	GND	Ground
9	Z1	Wired sensor 1 (zone number: 95)
10	GND	Ground
11	Z2	Wired sensor 2 (zone number: 96)
12	GND	Ground
13	Z3	Wired sensor 3 (zone number: 97)
14	GND	Ground
15	Z4	Wired sensor 4 (zone number: 98)

Note:

1. "LB+" and "LB-" are to connect external speaker. If you think the internal speaker is not loud enough, please contact us for professional speakers.
2. Connect one cable of the wired sensor to GND and the other to "Z1/Z2/Z3/Z4".
3. Please pay attention to the siren connection "SPK+" and "SPK-". Do not mix the two cables together when connecting. Otherwise, it will damage the transistor in the main panel.

[Function Settings]

1. Initialization

Please insert SIM card and plug in power adaptor, and then power on the

system, the time clock displays 12:00 on the LCD screen, the [**GSM**] starts flashing and the main panel starts to detect the GSM network until a long beep. Then the [**GSM**] indicator goes out indicating the system comes into disarm status.

2. Enter Settings

In the state of disarm, input 4-digit password (default: 8888) by the keypad on the main unit and press [#] button to confirm. You will hear a voice prompt: please enter instruction. At the same time, [**SET**] indicator is on without flashing and [0000] displays on the screen, indicating the system enters setting status. You can perform different settings repeatedly as long as the system keeps in setting status. The system will exit setting mode and return to disarm status if you don't press any keypad button for 40 seconds.

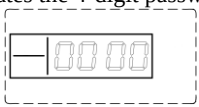
Note: ***In setting status, press*** [**CALL**] ***button can delete the numbers input.***

The system default password is [8888].

Operating method: [**XXXX**]⇨[#]

XXXX indicates the 4-digit password.

LCD display:



3. Exit Settings

Press [*****] and [**#**] buttons, the main unit emits a long beep and exits settings. The [**SET**] indicator goes out and the system returns to disarm state.

Operating method: 【*****】⇨【**#**】

4. Factory Reset

In disarm status, use keypad to input [**95175308246**] and press [#] to confirm, all the LED indicators will be on for 2 seconds and you will hear a long beep. The main unit gets all its settings cleared and restores

to its factory settings successfully.
Operating method: [**95175308246**] ⇨ [#]

5. Coding of Remote Controller

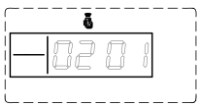
Extra remote controller has to be code to the alarm host in order to perform normally. The one in the standard package has been coded.

In setup state, use keypad to input [**20**], input the remote controller number [**1~8**], and then press [**#**] to confirm. The main unit emits a long beep and you will hear "remote control coding". The [💰] indicator is on without flashing; press any button on the wireless remote controller, the main unit makes a long beep and you will hear "coding completed", [💰] indicator goes out, indicating the remote controller succeeds in coding.

Operating method: [**20**] ⇨ [**A**] ⇨ [**#**]

A indicates: 1~8 remote controllers number. You can add maximum 8 remote controllers.

LCD display:



6. Delete Remote Controller

The remote controller can't control the main unit after it's deleted.

In setup state, use keypad to input [**21**], then input the remote controller number [**1-8**], and then press [**#**] to confirm. The main unit emits a long beep and the [**Signal**] indicator flickers once. You will hear a voice prompt "delete completed".

Operating method: [**21**] ⇨ [**A**] ⇨ [**#**]

A indicates: 1~8 remote controllers number.

7. Coding of Defense Zone

Wireless detectors have to be coded to the main unit in order to trigger it alarm. The wireless PIR and door sensor in the standard package have been coded.

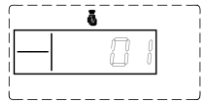
In setup state, use keypad to input [**23**], input the defense zone number you want to code [**01~99**], and then input [**#**] to confirm. The main unit

emits a long beep and the corresponding defense zone is displayed on the screen. You will hear a voice prompt “detector coding”. Then trigger a wireless detector to emit a wireless signal; after receiving the signal, the main unit makes a long beep, and you will hear “coding completed”, the [ ] indicator goes out at the same time.

Operating method: [**23**] ⇨ [**XX**] ⇨ [**#**]

XX indicates: 01 ~99 defense zones number

LCD display:



8. Delete Defense Zone

The wireless detector can’t control the main unit after it’s deleted.

In setup state, use keypad to input [**24**], then input the defense zone number you want to delete [**01~99**], and then input [**#**] to confirm. The main unit emits a long beep and the defense zone indicator flickers once. You will hear a voice prompt “delete completed”.

Operating method: [**24**] ⇨ [**XX**] ⇨ [**#**]

XX indicates**: 01 ~99 defense zones number**

9. Change Password

1) Change Operation Password

Operation password is the password used to disarm or remote control.

Default: 1234

In setup status, use keypad to input [**30**], then input the 4-digit new password, and then press [**#**] to confirm. The main unit will make a long beep and you will hear a voice prompt “setting completed”.

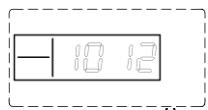
Operating method: [**30**] ⇨ [**XXXX**] ⇨ [**#**]

XXXX indicates: the new 4-digit password

For example: change the system password to 1012

Operating method: [**30**] ⇨ [**1012**] ⇨ [**#**]

LCD display:



2) Change Program Password

Program password is the password you should input in order to setup the system. Default: 8888

In setup status, use keypad to input [**31**], then input the 4-digit new password, and then press [**#**] to confirm. The main unit will make a long beep and you will hear a voice prompt "setting completed".

Operating method: [**31**] ⇨ [**XXXX**] ⇨ [**#**]

XXXX indicates: the new 4-digit password

For example: change the system password to 2846

Operating method: [**31**] ⇨ [**2846**] ⇨ [**#**]

LCD display:

Note: ***the operation password and the programming password can not be set as the same number.***

10. Clock Setting

In setup status, use keypad to input [**32**], then input the last 2 digits [AA] of the present year, the two digits [BB] of the month, the two digits [CC] of the date, the two digits [DD] of the hour (24-hour system), the two digits [EE] of the minute, the two digits [FF] of the second, and finally enter [#] to confirm. You will hear a long beep and a voice prompt "setting completed".

Operating method: [32]⇨[**AA**]⇨[**BB**]⇨[**CC**]⇨[**DD**]⇨[**EE**]⇨[**FF**]⇨[**#**]

AA indicates: the last 2 digits of the present year

BB indicates: the 2 digits of the present month

CC indicates: the 2 digits of the present date

DD indicates: the 2 digits of the present hour

EE indicates: the 2 digits of the present minute

FF indicates: the 2 digits of the present second

For example: set the time as 15:35:40, Oct. 1st, 2009

Operating method: [32]⇨[**09**]⇨[**10**]⇨[**01**]⇨[**15**]⇨[**35**]⇨[**40**]⇨[**#**]

11. Timing Settings

1) Timely Arm

In setup status, use keypad to input [33~35], then input the hour [AA] and minute [BB] of the time you want to set to arm, and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting completed".

Operating method: [XX]⇨[**AA**]⇨[**BB**]⇨[**#**]

XX indicates: the address code 33, 34, 35 of the timely arming

AA indicates: the hour of the setting time

BB indicates: the minute of the setting time

For example: set the arm time as 10:45pm

Operating method: [33]⇨[**22**]⇨[**45**]⇨[**#**]

LCD display:

2) Timely Disarm

In setup status, use keypad to input [36~38], then input the hour [AA] and minute [BB] of the time you want to set to disarm, and finally input [#] to confirm. You will hear a long beep and a voice prompt "setting completed".

Operating method: [XX]⇨[**AA**]⇨[**BB**]⇨[**#**]

XX indicates: the address code 36, 37, 38 of the timely disarming

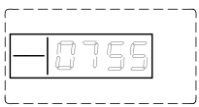
AA indicates: the hour of the setting time

BB indicates: the minute of the setting time

For example: set the arm time as 7:45am

Operating method: [36]⇨[**07**]⇨[**55**]⇨[**#**]

LCD display:



3) Timing Control

In setup status, use keypad to input [39], then input the number indicating

turning on timely arm/ disarm [1/0], and then input [#] to confirm. You will hear a long beep and a voice prompt "setting completed". The factory default is off.

Operating method: [39]⇨[**0/1**]⇨[**#**]

0: turn off the function of timely arm/ disarm

1: turn on the function of timely arm/ disarm

For example: turn on the function of timely arm/ disarm

Operating method: [39]⇨[**1**]⇨[**#**]

Note: If turning on timely arm/disarm function, the icon 【 】 will display on the screen. If turn off the function, the icon will not display.

12. Wireless Transmission Control

In setup status, use keypad to input [41], then input the number [1/0], and then input [#] to confirm. You will hear a long beep and a voice prompt "setting completed". The factory default is off.

Operating method: [41]⇨[**0/1**]⇨[**#**]

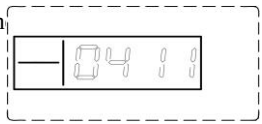
[0]: turn off the function of wireless transmission

[1]: turn on the function of wireless transmission

For example: turn on the function of wireless transmission

Operating meth

LCD display:



Note: after activating this function, do as follows to set the wireless siren with the main unit.

Input [411#], and then make the siren you want to set into coding status, finally press [0#] on the panel.

Pressing [0#] means the panel will make coding signal to the siren, this signal will last for 3 seconds. So please make sure the siren is in coding status during this 3-second period.

13. Wireless Siren Coding Encryption

In setup status, use keypad to input [43], then input the number [0001] ~

[9999], and then input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.

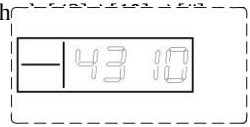
Operating method: [43]⇨[**A**]⇨[**#**]

A indicates: the code number 01~99

For example: set the wireless coding number as 10

Operating meth

LCD display:



14. Time Setting of Out Arm Delay (Default: 60 sec)

In setup status, use keypad to input [44], then input delay time [01] ~ [99], and then input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.

Operating method: [44]⇨[**AA**]⇨[**#**]

AA indicates: the alarm delay time 01~99 seconds

For example: set the wireless coding number as 99

Operating method: [44]⇨[**99**] ⇨[**#**]

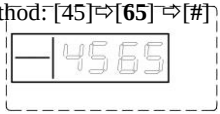
LCD display:

Note: The setting is effective only with the panel keyboard operation. The operation by remote controller or SMS is immediate arm without delay.

15. Time Setting of Alarm Delay (Default: 40 sec)

In setup status, use keypad to input [45], then input delay time [01] ~ [99], and then input [#] to confirm. You will hear a long beep and a voice prompt “setting completed”.

Operating method: [45]⇨[**AA**]⇨[#]
AA indicates: the code number 01~99
For example: set the wireless coding number as 65
Operating method: [45]⇨[**65**]⇨[#]
LCD display:



Note: Alarm delay is effective only when the correspondent zone of the detector is set as alarm delay zone.

16. Alarm Number Setting

In setup state, input [**51**] ~ [**56**], then input the voice alarm-receiving number (mobile number or telephone number), and then press [#] to confirm. The main unit will make a long beep, the [**Signal**] indicator will flicker once, and you will hear "setting completed", which indicate voice alarm-receiving number is set successfully.

Operating method: [**XX**] ⇨ [**YY…YY**] ⇨ [#]

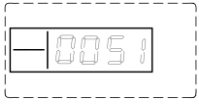
XX indicates**:** the 1- 6 alarming user number [**51**] ~ [**56**]

YY…YY indicates: voice alarm-receiving phone number

For example: set 13811111111 as the first voice call number

Operating method: [**51**] ⇨ [**13811111111**] ⇨ [#]

LCD display:



Note: the alarm-receiving number can be maximum 15 digits.

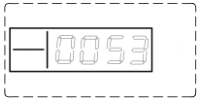
17. Delete Phone Number

In setup state, input [**51**] ~ [**56**], and then press [#] to confirm, the main unit will make a long beep and the [**Signal**] indicator will flicker once and you will hear "delete completed", which indicate the alarming user number is deleted successfully.

Operating method: [**XX**] ⇨ [#]

XX indicates: the 1- 6 alarming user number [**51**] ~ [**56**]

For example: Delete the third alarming user number from the system.
Operating method: [**53**] ⇨ [**#**]
LCD display:



18. SMS Receiving Number Setting

SMS Receiving number means when system is alarming, it will send SMS to this mobile number. You can set maximum 3 SMS numbers.

In setup state, input [**57**] ~ [**59**], then input the SMS receiving number, and then press [**#**] button to confirm. The main unit will make a beep, the [**Signal**] indicator will flicker once and you will hear "setting completed", which indicate setup successfully.

Operating method: [**XX**] ⇨ [**YY…YY**] ⇨ [**#**]

XX indicates: address codes of message-receiving numbers from the first group to the third group [**57**] ~ [**59**]

YY…YY indicates: the SMS receiving number

For example: setup 13822222222 as the first SMS receiving number

Operating method: [**57**] ⇨ [**138222222**] ⇨ [**#**]

Note: the sms-receiving number can be maximum 15 digits.

19. Delete SMS Receiving Number

In setup state, use keypad to input [**57**] ~ [**59**], and then press [**#**] button to confirm. The main unit will make a beep, the [**Signal**] indicator will flicker once and you will hear "delete completed", which indicate SMS number is deleted successfully.

Operating method: [**XX**] ⇨ [**#**]

XX indicates: address codes of SMS receiving numbers from the first group to the third group [**57**] ~ [**59**]

For example: delete the first SMS user number from the system

Operating method: [**57**] ⇨ [**#**]

20. Defense Zone Programming

If you want to change the alarm attribute of defense zone, such as turn off the siren when system alarms, you can do it by defense zone programming. In setup state, first input [**60**], then the defense zone number [**01~99**], then input defense zone type [**1~4**], then input alarm type [**1~8**], and then select siren on/off [**0/1**], at last press [**#**] to confirm. You will hear the main unit emit a long beep and a voice prompt "setting completed".

Operating method: [**60**] ⇨[**AA**] ⇨[**B**] ⇨[**C**] ⇨[**D**] ⇨[**#**]

AA: defense zone number [**01~99**] means zone 1 to zone 99;

B: defense zone type

[**1**]: real-time defense zone [**2**]: 40 seconds delay defense zone

[**3**]: 24 hours defense zone [**4**]: bypass defense zone

C: alarm type

[**1**] SOS Alarm [**2**] Fire Alarm [**3**] Gas Leak Alarm

[**4**] Door Alarm [**5**] Hall Alarm [**6**] Window Alarm

[**7**] Balcony Alarm [**8**] Boundary Alarm

D: siren ON/OFF: [**0**] OFF, [**1**] ON

For example: set defense zone 12 to be 24-hour, fire alarm and siren on

Operating method: [**60**] ⇨[**12**] ⇨[**3**] ⇨[**2**] ⇨[**1**] ⇨[**#**]

Note: The programming is suitable for all defense zones including wired defense zones

21. Home Arm Defense Zone Setting

Home arm defense: sometimes (for example, when you are at home), you want some of the sensors work while some do not, you can do this setting.

In setup state, use keypad to input [**61**], then choose the corresponding defense zone number [**01~99**], then choose [**Home Arm**], and then choose whether alarm [**0/1**] button, and finally press [**#**] to confirm. The main unit will make a long beep and a voice prompt "setting completed".

Operating method: [**61**] ⇨ [**XX**] ⇨ [**A**] ⇨ [**#**]

XX indicates: [**01~99**] is defense zone 1 to defense zone 99

A indicates:

[0]: no alarm under home arm status even the sensor is triggered

[1]: alarm under home arm status

Example: set sensor in defense zone 11 make alarm under home arm status

Operation:【61】⇨【11】⇨【1】⇨【#】

Example: set sensor in defense zone 12 not make alarm even when it's triggered under home arm status

Operation:【61】⇨【12】⇨【0】⇨【#】

After this setting, when you "home arm" the system, sensor in defense zone 55 will not work.

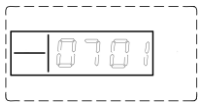
Note: Home arm status is suitable for all defense zones including wired defense zones

22. Voice Recording

In setup state, use keypad to input [**701**], and then press [#] to confirm. The main unit will emit a beep and the [ ] indicator is on, and after 10 seconds countdown, recording starts: record at 30cm away from the main unit with moderate tone; 10 seconds later, the main unit will make a beep indicating the recording stops and the recorded voice will replay.

Operating method: [**701**] ⇨ [#]

LCD display:



23. Arm/ Disarm Siren Sound Setting

After you activate this function, when you arm the system, the external siren will sound one short beep; and when you disarm it, there will be two short beeps.

In setting status, use keypad to input [**75**], then set siren sound OFF/ON

by **[0/1] button** and finally press [#] to confirm; voice prompts: setting completed, please enter instruction".

Operating method: [**750**] ⇨ [#] or [**751**] ⇨ [#]

[0]: sound OFF, (system default: 0**)**

[1]: sound ON

Example: set arm/disarm siren alarm sound ON

LCD display:

24. Siren Setting in "Emergency Help" Mode

Press "Emergency/SOS" button on the remote controller or the keypad, the system will make alarm immediately. You can choose to activate the siren sound or not.

In setup state, use keypad to input [76], and then [1/0], finally press [#] to confirm. The main unit will make a long beep and a voice prompt "setting completed".

Operating method: [76] ⇨ [A] ⇨ [#]

A indicates: [0]: siren off in "Emergency Help" mode

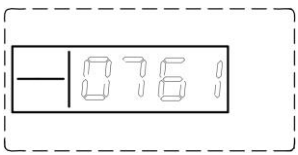
[1]: siren on in "Emergency Help" mode

System default: [0] siren off

For example: Set Emergency siren ON

Operating method: [76] ⇨ [1] ⇨ [#]

LCD display:



25. SMS Notification for Arm/Disarm (Default: OFF)

In setup state, input use keypad to input [77], and then [1/0], finally press [#] to confirm. The main unit will make a long beep and a voice prompt "setting completed".

Operating method: [77] ⇨ [0] ⇨ [#] or [77] ⇨ [1] ⇨ [#]

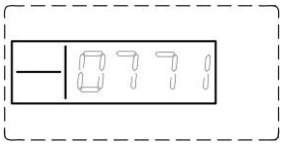
[0]: no SMS for arm/disarm to the 3 alarm-receiving numbers (default)

[1]: SMS for arm/disarm to the 3 alarm-receiving numbers

For example: send SMS when arm/disarm

Operating method: [77] ⇨ [1] ⇨ [#]

LCD display:



26. Arm/ Disarm Voice Prompt

This product has this function: when you arm/ disarm it, it will give voice prompt "system armed/ disarmed". You can deactivate it if you do not need.

In setting status, first input [**83**], then **[0/1]** and finally press [#] to confirm. The main unit will make a long beep and voice prompts: setting completed, please enter instruction.

Operating method: [83] ⇨ [**0/1**] ⇨ [#]

[1]: activate voice prompt for arm/ disarm (factory default)

[0]: deactivate voice prompt for arm/ disarm

For example: Set arm/disarm voice prompt OFF

Operating method: [83] ⇨ [0] ⇨ [#]

27. Voice Prompt for All Settings

For all above settings, you could hear the voice prompt such as "setting completed, please enter instruction", "delete completed". You can deactivate the voice if you do not need them.

In setting status, first input [**84**], then **[0/1]** and finally press [#] to confirm. The main unit will make a long beep and voice prompts: setting completed, please enter instruction.

Operating method: [84] ⇨ [**0/1**] ⇨ [#]

[1]: activate voice prompt for all operations (factory default)

[0]: deactivate voice prompt

For example: Set voice prompt OFF

Operating method: [84] ⇨ [**0**] ⇨ [#]

Note: after you deactivate this function, all the voice including arm/ disarm voice will not work.

28. Tamper Alarm Setting

There is a tamper alarm button at the back side of the panel. If you install the panel with the bracket (included in the standard pack), this button will be pressed down. When someone is trying to disassemble the panel, the button will be loosen once the bracket is taken off and the system will make alarm at the same time.

In setting status, first input [**87**], then press **[0/1]** and finally press [#] to confirm. The main unit will make a long beep and voice prompts: setting completed.

Operating method: 【87】⇨【**0/1**】⇨【**#**】

[0]: Tamper alarm OFF (factory default)

[1]: Tamper alarm ON

For example: Set Tamper alarm ON

Operating method: 【87】⇨【1】⇨【#】

Note: The alarm SMS is "zone 99 emergency alarm".

29. IMEI Checking

In setting status, first input [**88**] and then press [#] to confirm. The 15-digit IMEI code will be displayed separately in 4 pages (2 seconds per page) on the screen.

30. SMS Notification for Power Failure/ Recovery

In Out Arm status, if the main panel is powered off, the built-in battery will supply power, and main unit will send SMS (**power charger off**) to all the three preset SMS-receiving numbers.

In Out Arm status, if the main panel recovers power, it will send SMS (**power charger on**) to all the three SMS-receiving numbers.

While in Disarm or Home Arm status, it does not have this function.

[Operation Instructions]

1. System status. There are 4 statuses as following:

- ✧ Arm: defense zone 1~99 will alarm when detectors are triggered
- ✧ Home Arm: in arm status, the defense zone which is set as [Home Arm] will alarm when detectors are triggered.
- ✧ Disarm: defense zone 1~99 will not alarm when detector triggered (except 24 hours defense zone)
- ✧ System setup status: In this status, all defense zones will not alarm when detectors are triggered.

2. Remote Controller Operation

Users can use remote controller to set system as Out Arm, Home Arm,

Emergency Alarm, Real-time Disarm and etc.

- ✧ Out Arm: Press button
- ✧ Disarm: Press button
- ✧ Home Arm: Press button
- ✧ Emergency Alarm: Press button, system will alarm at once.

3. Out Arm

It means to guard all around your house while everyone is going out; all the detectors of the host are always working; when the detector is triggered by detecting source (anti-theft, fire prevention, gas leak, etc.), the alarm system will sound the alarm.

Press [**ARM**] button on keypad, system will make a beep per second and totally 60 beeps. The **[ARM]** indicator will be on without flashing. It means Out Arm is set successfully.

Main unit operation: Press [**ARM**] button, the system will enter arm status 60seconds later or delay time set by user

Remote controller operation: Press button on remote controller, system will enter OUT ARM mode immediately.

SMS remote operation**:** The SMS command is: Remote Control Password (Default: 1234) + [1]

After the setting, the host makes a "Di" sound, ARM LED is on and you will receive a SMS: System armed.

Note: SMS command can only be controlled by the preset three alarm SMS numbers

LCD display:

4. Home Arm

It means, for the safety, while somebody is at home, you need to enable the peripheral door, window, balcony and boundary detectors of the alarm system while prevent from triggering the indoor detectors, which may cause improper warning; then, you shall select Arm at Home, let just part of the detectors work and disable the other parts.

Main unit Operation: Press [**STAY**] button on keypad

Remote Control Operation: Press [ ] button on remote controller once

LCD display:

5. Disarm

It means to stop the alarm when the main unit sounds the alarm or make the alarm system in the state of non-warning. After disarming, even if you trigger the detector, the main unit would not sound alarm (excluding 24-hour defense areas).

Use keypad to input system password (Default: 1234), then press # button. [**ARM**] or [**STAY**] lights will be off. It means disarm setting successful.

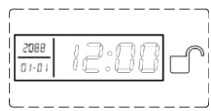
Main Unit Operation: input system password + #

Remote Control Operation: Press [ ] button on remote controller

SMS remote operation: The SMS command is: Remote Control Password (Default: 1234) + [2]

After the setting, the host makes "Di" Di" sound, ARM LED is off and you will receive a SMS: System disarmed.

LCD display:



6. Emergency Help

Press [SOS] button on keypad, or [ ] button on remote controller or wireless panic button, the main unit will alarm and make call to the preset

user numbers.

7. Answer Alarm Call

When the main unit sounds alarm, it will dial the preset numbers. If no one answers the call, the system will call the next user number automatically. The system will call each preset numbers for 3 times in order.

If you answer the call, you will hear the pre-record voice. You can set system via your telephone or mobile phone keypad.

If you hang-up directly without answering the call, the system will call each preset number for 3 times circularly.

Press [*]: Read the alarm information.

Press [1]: Main unit stops alarming and Arm; it stops calling users.

Press [2]: Main unit stops alarming and Disarm; it stops calling users.

Press [3]: Siren off and monitors the scene for 60 seconds; for continued monitoring, press [3] again to monitor for another 60 seconds.

Press [4]: Main unit starts a 60-second two-way intercom. It cannot be controlled by the mobile during the time of intercom.

Press [5]: Linkage switch 1, 12V output on.

Press [6]: Linkage switch 1, 12V output off.

8. Remote Control

Dial the number associated to the alarm main unit by phone (mobile phone), and after one ringing cycle, you can hear a voice prompt “Please enter password”. If the password is right, you will here “Press 1 to arm, Press 2 to disarm, Press 3 to Monitor, Press 4 to Intercom”. If the password is wrong, you will hear a prompt voice “wrong password, please re-enter”.

Press [1]: arm, if finished successfully, you will hear a voice prompt “System armed”.

Press [2]: disarm, if finished successfully, you will hear a voice prompt “System disarmed”.

Press [3]: monitoring for 60 seconds, to continue monitoring, press [3]

again to monitor for another 60 seconds.

Press [4]: two-way intercom for 60 seconds. You can't operate the main unit during this time.

Press [5]: Linkage switch 1, 12V output on

Press [6]: Linkage switch 1, 12V output off

For the above operation of "arm, disarm and output control", you could also send SMS to realize. The SMS content format is: operation password (default: 1234) + [1/2/5/6]

Note: for each number pressing, it is valid only you hear a "DI" confirmation sound. Please reenter it if you do not hear the sound. And sometimes for weak gsm signal, you need to input for several times.

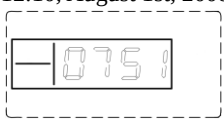
9. System Dialing Function

In disarm status; you can use the main unit to make any call just like a land-line telephone. Dial telephone number on keypad, press [**CALL**] button, the main unit will make a beep and the [**Signal**] indicator will be flashing. After the call, press [**CALL**] button again, the main unit will be in disarm status.

10. Alarming Record Checking

In disarm state, input [***0 #**], then the main unit will make a long beep and enters the state of alarm record checking. After displaying the alarm and defense zone number indicator for 1 second, the LCD screen will display the exact alarming time of this defense zone. Press 2, you can upturn to check the previous alarming record; press 8, downturn to check; and press [***#**] to exit checking.

For example: the 51st defense zone; the 7th alarming; alarming time: 12:10, August 1st, 2008. LCD display for one second,



and then display the alarming time:

You can also check the alarm records by SMS (Max: Latest 9 records).

SMS Check Command: Remote Control Password (Default: 1234) + [3]

Reply SMS:

Eg: Alarm record:

NO1 Zone: 05 TIME: 11-06-25 11:37

(It indicates the first record: wireless zone 5 alarm time)

…….

NO9 Zone: 19 Time: 11-06-25 11:45

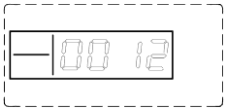
(It indicates the ninth record: wireless zone 19 alarm time)

11. GSM Signal Checking

Before installing the main unit, you should check the signal of the installing place in order to ensure the unit can perform well. In setup state, input [81] ⇨ [#], the main unit will make a long beep and display 00+XX (XX indicates the intensity of the GSM signal). And the intensity should be within the range of 07-31; if it's less than 07, you should change place.

This icon indicates the signal intensity. When the intensity number is 0-7, this icon will not be shown; when it's 8-15, this icon will be flashing; when the number is larger than 16, this icon will be on the screen without flash.

For example: if the signal intensity is 12, it will display as:



[Technical Parameters]

Power supply: AC=220V±10%
DC=12V (Built-in NI-HI) rechargeable battery
Standby Current: <60mA
Alarming Current: <450mA
GSM band: 850/ 900/ 1800/ 1900MHz
Wireless Frequency: 315/ 433/ 868MHz±0.5MHz
Wireless receiving sensitivity: 5mV/m
Anti-interference：1V/m (Frequency range: 20-1000MHZ)
Working Temperature: 10℃~+40℃
Humidity: ≤90% (no fog)
Wireless detectors: 99pcs

Defense Zone	Arm	Home Arm	Type	Alarm Information	Siren
Zone 1	effective	invalid	real-time	Door alarm	yes
Zone 2	effective	invalid	real-time	Hall alarm	yes
Zone 3	effective	effective	real-time	Window alarm	yes
Zone 4	effective	effective	real-time	Balcony alarm	yes
Zone 5	effective	effective	24 hours	Fire alarm	yes
Zone 6	effective	effective	24 hours	Gas alarm	yes
Emergency button	effective	effective	24 hours	Emergency alarm	no
Zone 7-99	effective	invalid	real-time	Emergency alarm	yes

Wired defense zone (95-98)	effective	invalid	real-time	Emergency alarm	yes
Tamper alarm zone (99)	effective	effective	24 hours	Emergency alarm	yes

Program Password	8888	Remote control	On
Operation Password	1234	Siren	Off
Siren sound time	180 sec.	Home Appliance	Optional

[Components List]

Main panel 1 pc,
Remote controller 2 pcs,
Siren 1 pc,
Wireless PIR sensor 1 pc,
Wireless Door sensor 1 pc,
Power adapter (DC 12V/1.2A) 1 pc,
Back-up battery 1pc
User manual 1 pc.

[Care and Maintenance]

The alarm system has excellent design and uses advanced technologies. It shall be used with care. The following suggestions are required to maintain your obligations under the warranty terms, and for prolonging the service life of the system.

✧ Place the control panel and all parts and accessories out of children's reach.

✧ Keep the alarm system dry. Rain, humidity and various fluids or moisture all will corrupt the electronic circuit.

✧ Do not use or place the alarm system in dirty locations, otherwise the electronic elements will be damaged.

✧ Do no place the system in excessively hot locations. High temperature will shorten the service life of electronic equipment, damage batteries, deform or even melt some plastic parts.

✧ Do not place the system in excessively cold locations. Otherwise condensation many occur and damage the circuit board of the alarm system.

✧ It is recommended that you check and test the alarm system periodically:

Check the main unit every three months:

1. Whether it can arm/disarm normally;
2. Whether it can dial the number for alarm normally;
3. Whether it can receive wireless detectors' signal normally;
4. Whether the back-up battery can work normally.

Check the wireless detectors once a month:

1. Trigger wireless detectors to see if system can alarm normally;
2. Check all detectors' batteries to see if it's in low voltage;
3. Check whether wireless detectors can send signal to the main unit normally.

Check the SIM card:

1. Check the use of SIM card, such as network signal, balance, etc.
2. Make sure the PIN code verification of the SIM card is closed.
3. Please keep the password and SIM card number safe, in case that other people remote control the system illegally.

✧ Since the alarm system is continuously in operation or standby

mode, the supply adaptor of the control panel shall be connected to a safe and reliable socket.

✧ Do not place the system near your bedroom or office table, because the siren will make high-loudness sound in the case of alarm, which may adversely affect your rest or work.

✧ If the alarm system will not be used for a long time, please disconnect the system from the power supply.

✧ Please do not disassemble, repair or alter the products without permission, or it may cause accidents and faults.

✧ Do not drop this product on the ground or on hard objects, as it may lead to massive impact to cause faults and damages.

✧ Without approval and consent of relevant authorities, please do not set “110”, “119” or the alarm phone number of police station for this main unit.

Please read the suggestions above carefully and follow the instructions herein. If any of the equipment does not work properly, please send it to the dealer or authorized service point for repair. We will try our best to solve the problem for you as soon as possible.

The following accessories are optional:

Optional sensors/detectors are packed separately. You can choose according to your specific requirements.

Operation Commands	**Function Description**	**Remarks**
[Program Password] + [#]	Enter settings	Default password: 8888
[*] + [#]	Exit settings	
[20]+[1~8] + [#]	Coding of Remote Controller	Max 8 remote controllers
[21]+[1~8] + [#]	Delete Remote Controller	

[23] +[01~99] + [#]	Coding of Defense Zones	Defense Zones Number: 01~99
[24] +[01~99] + [#]	Delete Defense Zones	Defense Zones Number: 01~99
[30]+[password] + [#]	Change Operation Password	Default: 1234
[31]+[password] + [#]	Change Program Password	Default: 8888
[32] + [AA] + [BB] + [CC] + [DD] + [EE] + [FF] + [#]	System Time Setting	[AA]: year [BB]: month [CC]: date [DD]: hour [EE]: minute [FF]: second
[33~35] + [AA] + [BB] + [#]	Timely Arm	3 groups of auto arm time [AA]: hour [BB]: minute
[36~38] + [AA] + [BB] + [#]	Timely Disarm	3 groups of auto disarm time [AA]: hour [BB]: minute
[39] + [0/1] + [#]	Timing Control: turn on/ off the function of timely arm/disarm	0: OFF 1: ON
[41] + [0/1] + [#]	Wireless Transmission Control	0: OFF 1: ON
[42] + [01~99] + [#]	Wireless Siren Coding	Siren coding number:

	Encryption	01~99
[44] + [01~99] + [#]	Out Arm Delay Time Setting	Default: 60seconds
[45] + [01~99] + [#]	Alarm Delay Time Setting	Default: no delay
[51]~[56] + Phone number + [#]	Alarm Number Setting	6 groups of alarming user number
[51]~[56] + [#]	Delete Phone Number	
[57]~[59] + Phone number + [#]	SMS Receiving Number Setting	3 groups of SMS receiving number
[57]~[59] + [#]	Delete SMS Receiving Number	
[60] + [AA] + [B] + [C] + [D] + [#]	Defense Zone Programming	AA: Defense zone number: [01～99] B: Defense zone type: [1]real-time; [2] 40 seconds delay; [3]24 hours; [4] bypass C: Defense zone location: [1]SOS Alarm; [2] Fire Alarm; [3]Gas Leak Alarm; [4]Door Alarm; [5]Hall Alarm; [6]Window Alarm; [7]Balcony Alarm; [8]Boundary Alarm D: Siren ON/OFF [0] OFF, [1] ON
[61] + [01~12] + [0/1]	Home Arm Defense Zone	Defense zone number:

+ [#]	Setting	01~12; [0] Home arm but not alarm; [1] Home arm and alarm
[70] + [1] + [#]	Voice Recording	10 seconds
[75] + [0/1] + [#]	Siren Setting	[0]: off (default); [1]: on
[76] + [0/1] + [#]	Siren Setting in "Emergency Help" mode	[0]: off (default); [1]: on
[77] + [1/0] + [#]	SMS Notification for Arm/ Disarm	
[81] + [#]	GSM Signal Checking	Intensity: 07-31 (if it's less than 07, you should change place.)
[83] + [0/1] + [#]	Arm/ Disarm Voice Prompt	[0]: off; [1]: on (default)
[84] + [0/1] + [#]	Voice Prompt for All Settings	[0]: off; [1]: on (default)
[88] + [#]	IMEI Checking	
[*] + [0] + [#]	Alarming Record Checking	Press 2: upturn Press 8: downturn Press [*#]: Exit
[Dial telephone number] +[CALL]	System Dialing Function	
[95175308246**]** + [#]	Factory Reset	Use with caution
[operation password] + [1]	Arm by SMS	Default operation password: 1234
[operation password] +	Disarm by SMS	Default operation

[2]		password: 1234
[operation password] + [3]	Alarm Record Checking by SMS	Default operation password: 1234
[operation password] + [5]	Turn on 12V output	Default operation password: 1234
[operation password] + [6]	Turn off 12V output	Default operation password: 1234

Note: the last five functions could be realized only when the GSM signal intensity reaches 20.